

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



PATENT
Customer No. 22,852
Attorney Docket No. 5725.0782-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: }
Sandrine DECOSTER et al.) Group Art Unit: 1617
Application No.: 09/692,749) Examiner: Gina C. Yu
Filed: October 20, 2000)
For: COSMETIC COMPOSITIONS)
COMPRISING AT LEAST ONE)
SILICONE COPOLYMER AND AT)
LEAST ONE ADDITIONAL)
SILICONE, AND USES THEREOF)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

DECLARATION UNDER 37 C.F.R. § 1.132

I, Véronique MAHE, declare and state that:

1. I am a French citizen, residing at 90 Avenue de Cherbourg, Vaux sur seine 78740, France.
2. I have been awarded a 3rd degree in Chemistry & Cosmetic from the ISIPCA.
3. I have been employed by L'ORÉAL since 2002, and I am presently a Lab manager in the hair care research laboratory at L'ORÉAL. During my employment at

L'ORÉAL, I have been engaged in the research and development of hair care

Products.

4. I performed the experiment described below at the direction of one of the three inventors of the above-identified application.

5. Given my education and experience, particularly in the area of hair care, I consider myself able to provide the following testimony based on experiments conducted by me or under my direct supervision.

COMPARATIVE TESTING

Comparative testing was performed with inventive Composition A and comparative Composition B. Composition A was prepared according to the present invention, containing a silicone copolymer, a cationic surfactant, and an additional silicone that is insoluble. Composition B was prepared in accordance with the cited prior art, containing a water soluble silicone.

1. **COMPOSITIONS**

The test compositions are summarized in the following table and described in detail below:

| | Composition A (Invention) | Composition B |
|--|--------------------------------------|----------------------|
| -Cetyl and stearyl alcohol | 3 g | 3 g |
| -cetyltrimethylammonium chloride | 2.5 gAM | 2.5 gAM |
| -Cationic emulsion containing 67% AM of copolymer of polydimethyl siloxane containing α,ω -vinyl groups/ polydimethyl siloxane containing α,ω -hydrogeno groups (DC-1997 from Dow Corning) | 1.8 gAM | 1.8 gAM |
| -Polydimethylsiloxane (DC200 Fluid-60,000CS from Dow Corning) | 1 g | |

| | | |
|--|-------|-----|
| insoluble Silicone | | |
| -Polydiméthylsiloxane à groupement ammonium (ABILQUAT 3474 de GOLDSCHMIDT) | | 1 g |
| water soluble silicone | | |
| -Fragrance, preserving agents | qs | qs |
| -Water | 100 g | |

II. CONDITIONING PROCESS

At the time of use, each of the above compositions was applied to ten samples of washed and dried hair. The compositions were left to stand on the hair for two minutes, then rinsed off with water and dried.

III. DISENTANGLING DETERMINATION

Skilled persons assessed the disentangling of the dried hair on a scale of 1 to 5, with 5 being the best.

IV. RESULTS

The results are given below as an average of the scores for the ten samples tested with each composition:

A: 3.3

B: 2.7

These results show that the hair treated with the composition of the invention comprising insoluble silicone showed improved disentangling, by 22%, over the composition of the prior art comprising water soluble silicone.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false

Application No.: 09/692,749
Attorney Docket No.: 05725.0782-00

statements and the like so made are punishable by fine or imprisonment, or both, under
Section 1001 of Title 18 of the United States Code, and that such willful false
statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: February, the 27. 2004

By: _____

Mme. Véronique Mahé

